

MD iMAP Technical Committee Meeting Minutes for September 2021

Place: On-Line Only Attendance due to COVID19 Social Distancing

Date: 09/07/2021; Time: 1:00PM – 2:00PM

Phone Attendees: Kevin Coyne (DNR); John Lesko (DoIT), J.B. Churchill (DoIT), Dawn Blanchard (DoIT), Lisa Lowe (DoIT), Susan Hmel (DoIT), Gary Maragos (MDP), Scott Hansen (MDP), Rowland Agbede (MDA), Darren Lloyd (DoIT), Erin Bolton (BMC), Kate Majchrzak (MDE), Frank Siano (MDE), Matt Viverito (ESRI), Anthony Puzzo (ESRI), Robert Rike (ESRI), Marshall Stevenson (WBCM / MDOT-SHA), Joe Gann (MDOT/MES), Andrew Bernish (MDOT), John Wafer (MDOT-TSO), Andrew Stauffer (ESRI) and Mark Corser (DoIT), Matt Smerigilo (intern, DoIT)

Agenda

Introductions

Maryland Enterprise Software & MD iMAP 3.0 Update – John Lesko

- DoIT continues working to support other agencies in the response to COVID-19:
 - The Coronavirus Disease 2019 (COVID-19) Outbreak Dashboard continues to be a focal point for the GIO office.
 - Upgrades and additions to the Hub site include the following:
 - Since its inception, the page has been viewed by 17.3 million users, up from 16.9 million users last month. and has had over 109 million page views up from 106 million page views recorded last month. (visit <https://coronavirus.maryland.gov/>)
 - Google Analytics is used to track how many views there have been. Google Analytics is a web analytics service offered by Google that tracks and reports website traffic, currently as a platform inside the Google Marketing Platform brand.
 - To track the Percent of the Population tested for COVID-19 by County, GIO developed a colorized bar chart. The aim of the color coding is to show each County's progress in having their population tested. 24 of 24 counties have achieved the 50% level. Note that Baltimore City continue to lead the Counties in the percent of population tested at 91.7%. Somerset County has increased (67.6% August '21 to 70.6% Sept.21) Cecil County has increased testing (51.1% August '21 to 54.3%) The chart is updated daily.
 - MD iMAP was updated with the 2019-2020 state orthoimagery. The statewide ortho currently on MD iMAP contains the 2019 Eastern Shore imagery and the 2020 Western Shore imagery. The imagery is available at: <https://imap.maryland.gov/Pages/imagery.aspx>; An ESRI Image Service is available at: https://geodata.md.gov/imap/rest/services/Imagery/MD_SixInchImagery/ImageServer

- An ESRI Map Service is available at:
https://geodata.md.gov/imap/rest/services/Imagery/MD_SixInchImagery/MapServer;
- So far, the compressed format files (MrSID vers. 3 & 4, JPEG2000 and ECW) have been uploaded to Drop Box for the following counties: Allegany, Anne Arundel, Baltimore City, Baltimore County, Carroll, Frederick, Garrett, Montgomery and Prince George's;
We are in the process of uploading the remaining counties: Calvert, Charles, Harford, Howard, St. Mary's, Washington
- During the process of creating the Image and Map services, we discovered that the imagery displayed under the previous Map Service was shifted to the NNW by about 1 m. We discovered that the shift was only in the Map Service containing the 2019 Eastern Shore and 2017 Western Shore Map Service. The Image Service containing the same imagery did not have the shift. We are currently working on discovering why the shift occurred. Once the issue is resolved, we plan to recreate the Map Service and make it available through the archive.
- The Maryland Department of Planning provided updates for the 5 digit and 11 digit ZIP Code boundaries.
The 5 digit Map Service is located at:
https://geodata.md.gov/imap/rest/services/Boundaries/MD_PoliticalBoundaries/MapServer/4
The 5 digit Feature Service is located at:
https://geodata.md.gov/imap/rest/services/Boundaries/MD_PoliticalBoundaries/FeatureServer/4
The 11 digit Map Service is located at:
https://geodata.md.gov/imap/rest/services/Boundaries/MD_PoliticalBoundaries/MapServer/3
The 11 digit Feature Service is located at:
https://geodata.md.gov/imap/rest/services/Boundaries/MD_PoliticalBoundaries/FeatureServer/3

“Introduction to ArcGIS for TEAMS”; Andrew Stauffer; Project manager of the ArcGIS for MicroSoft 365 Integrations; ESRI;

- Andrew provided an introduction to the uses of TEAMS
- Pre-Release is available today (ArcGIS Online Only)
- It does not support ArcGIS Enterprise, though it will in 2022
- Designed for coordination and collaboration
- Similar experience across Office, Power BI, SharePoint, etc.
- Create maps, share content and manage data
 - Create maps and layers from Excel data
 - Consume WebMaps and layers
 - Allows lightweight analysis to detect patterns and trends in data
 - Static and live maps in PowerPoint

- Can publish layers to ArcGIS
 - SharePoint allows users to drag and drop documents on a map to geotag them
- Use the Chat tab to search for ArcGIS content (Andrew Bernish mentioned MDOT disable Chat because it was not helpful)
- Mobile is fully supported
- The presented slides showed Power Automate being available in July 2021, but it will be later than that according to Andrew.
- Scott Hansen noted MDP is working with Teams and SharePoint. Andrew said Scott could reach out directly to him, Anthony Puzzo or Matt Vivreito for assistance.
- Microsoft has many blog posts on how to get Teams configured and working.

MD iMAP 3.0 Update – John Lesko

- On Friday, DOIT sent a 1 question survey to PSAP Directors and County GIS Managers and Analysts requesting their response regarding file formats for the orthoimagery program. The survey is below:
- MD iMAP Orthoimagery Deliverables Survey
The Maryland Department of Information Technology (DoIT), with funding from the Maryland 9-1-1 Board, has provided the counties and Public Safety Answering Points (PSAPs) with 4-band (true color & CIR) orthoimage files with a six-inch pixel resolution since 2007. There is a three-year cycle in place with the Eastern Shore counties getting ortho files in year one, the Western Shore counties in year two and no production occurring during year three. Counties use the orthoimage files for a variety of purposes, including as a base layer in their 9-1-1 response systems and platforms.
- Because some counties have different 9-1-1 response systems and platforms, DoIT has provided several file formats to the counties and PSAPs so that the requirements of all participants are met. Over the years, counties have upgraded their 9-1-1 response systems and platforms or purchased and installed new 9-1-1 response systems and platforms.

Subcommittee Updates

Training – Lisa Lowe

- Nothing to Report

Centerlines – Marshall Stevenson

- Harford County provided updates for federal reporting
- Using active directory logging to MDOT portal

Composite Locator – Lisa Lowe

- The composite locator in the staging environment has been updated. We have been testing the locator. During testing it was discovered that the composite locator with the gazetteer places the point in a different locator than the composite locator without the gazetteer. It has not been determined why this is the case or which is the most accurate.

Imagery – *Lisa Lowe*

- 2019-2020 Statewide imagery map and image services have been pushed to production. When the shift in the 2017 imagery map service has been corrected the 2017_2019 map service will be moved to the imagery archive server.

Lidar – *John Lesko*

- Airborne LiDAR Derivative processing will begin with Anne Arundel county followed by Montgomery and Prince George's county. Eastern Shore counties may or may not be available for derivative processing.

Action Items

- None identified

Additional Business

- None identified